

DaimlerChrysler AG
Stuttgart

5

Patent Claims

- sub A1*
1. Device for determining the position of or for measuring a hole in a component, in particular a body part of a motor vehicle, having a spike (1) for fitting into the hole, and an attachment element (2) which can be connected releasably to the spike (1) and, with the spike (1) fitted into the hole, rests on the component surface surrounding the hole, characterized in that at least part of the attachment element (2) is produced from a magnetic material.
2. Device according to Claim 1, characterized in that the attachment element (2) has an essentially hemispherical or partially spherical shell (3) made of a non-magnetic material and an insert (4) arranged within the shell (3) and made of magnetic material.
3. Device according to Claim 2, characterized in that the spike (1) can be screwed to the attachment element (2).
4. Device according to Claim 3, characterized in that the spike (1) has an upper part (1a) which is designed with a screw thread, can be passed through the insert (4) and can be screwed to the inside of the shell (3).
5. Device according to one of the preceding claims, characterized in that the spike (1) can be fastened to the attachment element (2) in an asymmetrical manner with respect thereto.
6. Attachment element for a device for determining the position of or for measuring a hole, having means for the releasable connection to a spike (1) which can be fitted into the hole, characterized in that at least part of the said element is produced from a magnetic material.

09674852 121400

7. Attachment element according to Claim 6, characterized in that it has an essentially hemispherical or partially spherical shell (3) made of a non-magnetic material and an insert (4) arranged within the shell (3) and made of a magnetic material.

5

0044852.121400